

## Refine Search

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Terms	Documents
L7 and (562/\$ or 560/\$)	14

**Database:**

US Pre-Grant Publication Full-Text Database  
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 EPO Abstracts Database  
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 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

L8





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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L8</u>	L7 and (562/\$ or 560/\$)	14	<u>L8</u>
<u>L7</u>	L6 and oxygen concen\$7	196	<u>L7</u>
<u>L6</u>	L5 and (explo\$6 or flam\$6)	1003	<u>L6</u>
<u>L5</u>	L4 and reactor	2049	<u>L5</u>
<u>L4</u>	L3 and steady state	2049	<u>L4</u>
<u>L3</u>	L2 and cataly\$8 and reactor	23786	<u>L3</u>
<u>L2</u>	11 and (propylene or propane or acrolein or isobutylene or methacrolein or xylene or naphthalene or benzenie or butane )	109235	<u>L2</u>
<u>L1</u>	oxi\$6 and gas and absor\$6	248296	<u>L1</u>

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☐ 1. Document ID: US 20050171380 A1

L8: Entry 1 of 14

File: PGPB

Aug 4, 2005

PGPUB-DOCUMENT-NUMBER: 20050171380

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050171380 A1

TITLE: Process for the production of acrylic acid

PUBLICATION-DATE: August 4, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bub, Gunther	Marl		DE
Mosler, Jurgen	Castrop-Rauxel		DE
Maschmeyer, Dietrich	Recklinghausen		DE
Sabbagh, Andreas	Duelmen		DE
Fornika, Roland	Bonn		DE
Peuckert, Matthias	Hunxe		DE

US-CL-CURRENT: 562/545

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 20040199006 A1

L8: Entry 2 of 14

File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040199006

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040199006 A1

TITLE: Production of aromatic carboxylic acids

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Graham, Derek Alexander	Cleveland		GB
Hamley, Paul Anthony	Nottingham		GB
Oliver, Raymond	Stockton On Tees		GB

Poliakoff, Martyn	Nottingham	GB
Woodcock, Duncan C.	Cheshire	GB
Ilkenhans, Thomas	Cambridge	GB

US-CL-CURRENT: 562/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20040015012 A1

L8: Entry 3 of 14

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040015012

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040015012 A1

TITLE: Safe operation of a continuous heterogeneously catalyzed gas-phase partial oxidation of at least one organic compound

PUBLICATION-DATE: January 22, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hammon, Ulrich	Mannheim		DE
Meschke, Jochen	Otterstadt		DE
Rauh, Ulrich	Frankenthal		DE
Muller-Engel, Klaus Joachim	Stutensee		DE
Schlemmer, Peter	Eisenberg		DE

US-CL-CURRENT: 562/532; 562/542, 702/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 20030187294 A1

L8: Entry 4 of 14

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187294

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187294 A1

TITLE: Process for producing catalysts comprising nanosize metal particles on a porous support, in particular for the gas-phase oxidation of ethylene and acetic acid to give vinyl acetate

PUBLICATION-DATE: October 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hagemeyer, Alfred	Frankfurt		DE

Dingerdissen, Uwe	Seeheim-Jugenheim	DE
Kuhlein, Klaus	Kelkheim	DE
Manz, Andreas	Sinzheim	DE
Fischer, Roland	Neckargemund	DE

US-CL-CURRENT: 560/241; 502/325, 502/344

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 5. Document ID: US 20020028968 A1

L8: Entry 5 of 14

File: PGPB

Mar 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020028968

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020028968 A1

TITLE: Production of aromatic carboxylic acids

PUBLICATION-DATE: March 7, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Graham, Derek Alexander	Cleveland		GB
Hamley, Paul Anthony	Nottingham		GB
Ilkenhans, Thomas	Cambridge		GB
Oliver, Raymond	Stockton on Tees		GB
Poliakoff, Martyn	Nottingham		GB
Woodcock, Duncan C.	Cheshire		GB

US-CL-CURRENT: 562/415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 6. Document ID: US 7074955 B2

L8: Entry 6 of 14

File: USPT

Jul 11, 2006

US-PAT-NO: 7074955

DOCUMENT-IDENTIFIER: US 7074955 B2

TITLE: Safe operation of a continuous heterogeneously catalyzed gas-phase partial oxidation of at least one organic compound

## PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040015012 A1	January 22, 2004

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 7. Document ID: US 6987200 B2

L8: Entry 7 of 14

File: USPT

Jan 17, 2006

US-PAT-NO: 6987200

DOCUMENT-IDENTIFIER: US 6987200 B2

TITLE: Process for producing catalysts comprising nanosize metal particles on a porous support, in particular for the gas-phase oxidation of ethylene and acetic acid to give vinyl acetate

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030187294 A1

October 2, 2003

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 8. Document ID: US 6765113 B2

L8: Entry 8 of 14

File: USPT

Jul 20, 2004

US-PAT-NO: 6765113

DOCUMENT-IDENTIFIER: US 6765113 B2

TITLE: Production of aromatic carboxylic acids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 9. Document ID: US 6603038 B1

L8: Entry 9 of 14

File: USPT

Aug 5, 2003

US-PAT-NO: 6603038

DOCUMENT-IDENTIFIER: US 6603038 B1

TITLE: Method for producing catalysts containing metal nanoparticles on a porous support, especially for gas phase oxidation of ethylene and acetic acid to form vinyl acetate

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 10. Document ID: US 6320075 B1

L8: Entry 10 of 14

File: USPT

Nov 20, 2001

US-PAT-NO: 6320075

DOCUMENT-IDENTIFIER: US 6320075 B1

TITLE: Process and apparatus for preparing saturated carboxylic acids having one to four carbon atoms

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D.
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Terms	Documents
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☐ 11. Document ID: US 5654475 A

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File: USPT

Aug 5, 1997

US-PAT-NO: 5654475

DOCUMENT-IDENTIFIER: US 5654475 A

TITLE: Methods of making intermediate oxidation products by controlling oxidation rates in an atomized liquid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 12. Document ID: US 5347046 A

L8: Entry 12 of 14

File: USPT

Sep 13, 1994

US-PAT-NO: 5347046

DOCUMENT-IDENTIFIER: US 5347046 A

TITLE: Catalyst and process for using same for the preparation of unsaturated carboxylic acid esters

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 13. Document ID: US 4327226 A

L8: Entry 13 of 14

File: USPT

Apr 27, 1982

US-PAT-NO: 4327226

DOCUMENT-IDENTIFIER: US 4327226 A

TITLE: Process and apparatus for producing aromatic dicarboxylic acids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 14. Document ID: US 4159307 A

L8: Entry 14 of 14

File: USPT

Jun 26, 1979

US-PAT-NO: 4159307

DOCUMENT-IDENTIFIER: US 4159307 A

TITLE: Apparatus for producing aromatic dicarboxylic acids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D.
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